



## Warm-Up

1) Please take out a sheet of paper and something to write with.

2) Dig deep into the recesses of your Brain and write down what you remember about the following terms:

Coordinate

Dependent Variable

Domain

Function

Independent Variable

Linear Equation

Linear Function

Linear Inequality

Point-Slope Form

Range

Relation

Slope

Slope-Intercept Form

Standard Form

Vertex

Vertical-Line Test

x-intercept

y-intercept

Inequality: Like an equation, but  
the two sides are not equal

Less than  $<$

Greater than  $>$

"  $=$   $\geq$

Less than or equal  $\leq$

$$8 < x < 20$$

means  $x$  is greater than  
8 and less than 20

## How do Relations and Functions Differ?

How can you use the Domain and Range to find out whether or not a relation is a function?

$(2,1), (2,1), (3,1), (4,1)$

HW (2.1): p. 59-61

26-28, 31-32, 36-38, 47, 64

⑥

IN	OUT
1	1
2	3
3	6
4	10
5	15
6	21

$$OUT = IN + (\text{ALL PREVIOUS INS})$$

$$OUT = (\text{LAST OUT}) + (IN)$$